




**New hydroxyethyl starch conjugates useful as X-ray, NMR and blood-pool diagnostic agents, e.g. for diagnosis of tumors, cardiovascular disorders and inflammation****Publication number:** DE19808079 (A1)**Publication date:** 1999-08-26**Inventor(s):** MARESKI PETER-ALEXANDER [DE]; PLATZEK JOHANNES [DE]; RADUECHEL BERND [DE]; NIEDBALLA ULRICH [DE]; WEINMANN HANNES-JOACHIM [DE]; FRENZEL THOMAS [DE]; EBERT WOLFGANG [DE]; MISSELWITZ BERND [DE]**Applicant(s):** SCHERING AG [DE]**Classification:****- international:** **A61K49/08; C08B31/12; A61K49/06; C08B31/00;** (IPC1-7): C08B31/12; A61K31/70; A61K49/00; A61K49/04; C07C31/20; C07C59/06; C07C59/125; C07F9/6524**- European:** A61K49/08Z; C08B31/12**Application number:** DE19981008079 19980220**Priority number(s):** DE19981008079 19980220**Also published as:** AU2832899 (A) WO9942139 (A2) WO9942139 (A3)**Abstract of DE 19808079 (A1)**

Hydroxyethyl starch conjugates are new. Hydroxyethyl starch conjugates of (I) are new.  $n = 200-1500$ ;  $R = H$ ,  $-(CH_2)_2OH$  (a1),  $-CH_2COOQ$  (a2),  $-(CH_2)_2OCH_2COOQ$  (a3),  $-CH_2CONHK$  (a4), or  $-(CH_2)_2OCH_2CONHK$ , and statistically 0.02-1.5 groups a1, a3 and a5 and 0.02-2.5 groups a2 and a4 replace the H of OH per monomer unit; K = metal complex or complex former; Q = H or a cation of an inorganic and/or organic acid, amino acid or amino acid amide.

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